

BPS-450R3



Features

12V Max. Current: 25A
Dual Processors Application
Short Circuit Protection
Over Current Protection
Over Voltage Protection
Over Power Protection

Hot-Swappable Application
Power Fault Alarm Signal
Front Panel LED to Indicate Power Status
Current Sharing on +5V, +3.3V and +12V
MTBF > 100,000 Hours

Specifications

Dimension

151(W) x 85.5(H) x 183(D) mm

Input Range

115/230VAC

Efficiency

65% minimum, at full load

Hold Up Time

16mS minimum, at full load

PSON (Remote On/Off)

Power Good

100 ~ 500mS

Cooling Fans

40 x 40 x 20mm

Operating Temperature

0 ~ 50 °C

Operating Humidity

20 ~ 90%

Agency Requirement

EMI/RFI

- o CE, FCC Class A

Safety

- o UL, CUL, CB, TUV

Output Voltage	V1 +5V	V2 3.3V	V3 +12V	V4 -5V	V5 -12V	5VSB Standby
Max. Load	45A	25A	25A	1A	2A	2.5A
Min. Load	3A	0A	1A	0A	0A	0A
Max. Power	250W			5W	24W	12.5W
	410W					
Load Reg. %	+/-5%	+5/-3%	+/-5%	+/-10%	+/-10%	+/-5%
Cross Reg. %	+/-5%	+5/-3%	+/-5%	+/-10%	+/-10%	+/-5%
Line Reg. %	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%
Ripple %	+/-1%	+/-1%	+/-1%	+/-2%	+/-2%	+/-1%
Noise %	+/-1%	+/-1%	+/-1%	+/-2%	+/-2%	+/-1%

* The +12V output of the power supply must be capable of 28 Amps peak for 10 seconds. A +/-5% tolerance is permissible. Output voltage is measured at the load and of the output cable.

* The +5V and +3.3V combine total output shall not exceed 250W.

* The +12V, +5V and +3.3V combine total output shall not exceed 410W.

* Noise bandwidth is from DC to 20 MHz.

* Regulation tolerance shall include temperature change, warm up drift and dynamic load.